

# Converting Colors

Decimal(3363435)

Have a look what the booklet for  
Decimal(3363435) contains.

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# Color

**Decimal(3363435)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33526B
RGB	51, 82, 107
RGB Percent	20%, 32%, 42%
CMY	0.8000, 0.6784, 0.5804
CMYK	0.52, 0.23, 0.00, 0.58
HSL	207°, 35%, 31%
HSV	207°, 52%, 42%
XYZ	7.0364, 7.7999, 15.0446
YIQ	75.5810, -26.5010, 1.2030

# Conversions

## Conversions Part 2

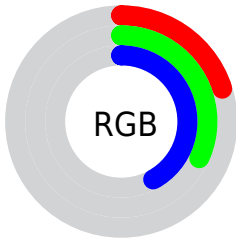
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 71, 107
Decimal	3363435
CIELab	33.56, -3.69, -17.94
CIElCh	34, 18.318, 258.389
Yxy	7.7999, 0.2355, 0.2610
Android (android.graphics.Color)	4281553515 (0xFF33526B)
YUV	75.5810, 15.4896, -21.5575
Hunter-Lab	27.9284, -3.9027, -12.3888

# Details

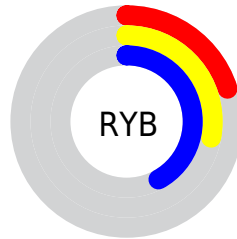
The Decimal color **3363435** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **7031859**, and the grayscale version is **4934475**.

A 20% lighter version of the original color is **6652830**, and **9788** is the 20% darker color. If you saturate the color by 10%, you get **2641259**, and if you desaturate by 10%, it is **4085611**.

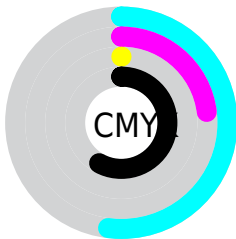
# Distribution



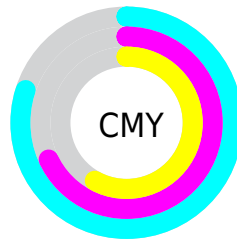
- Red (20%)
- Green (32%)
- Blue (42%)



- Red (20%)
- Yellow (28%)
- Blue (42%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (68%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 3363435 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 3363435 by changing the saturation by 10% instead.



■ 3363435

■ 3363435

16777215

■ 1719123

■ 6652830

■ 9788

■ 8363449

■ 4390

■ 10139861

■ 272

■ 11916530

■ 0

■ 13758719

■ 15663103

■ 3363435

■ 3363435

■ 2641259

■ 4085611

■ 1984619

■ 4742251

■ 1262699

■ 5464171

■ 540523

■ 6186347

■ 15211

■ 6908523

■ 7565163

■ 8287083

■ 9009259

■ 9665899

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



2184548



3363435



4803946

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3363435



7095366



4150331

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



3363435



7031859

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



5263667



3363435



6833978

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



3363435



6833493



6179891



3037001

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



3363435



5655142



6179891



4543288



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



3363435



7766668



3369803



3817799



13092807



4671303



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



3363435



3433868



3356523



3158838



16757



35061



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



7025490



9188453



7038771



3551283



7667777

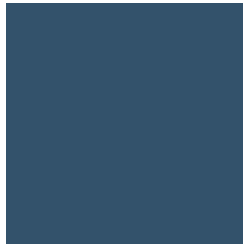


16056456



# Previews

## White Background



This preview shows how the Decimal color 3363435 looks on a white background.

## Color Contrast Check

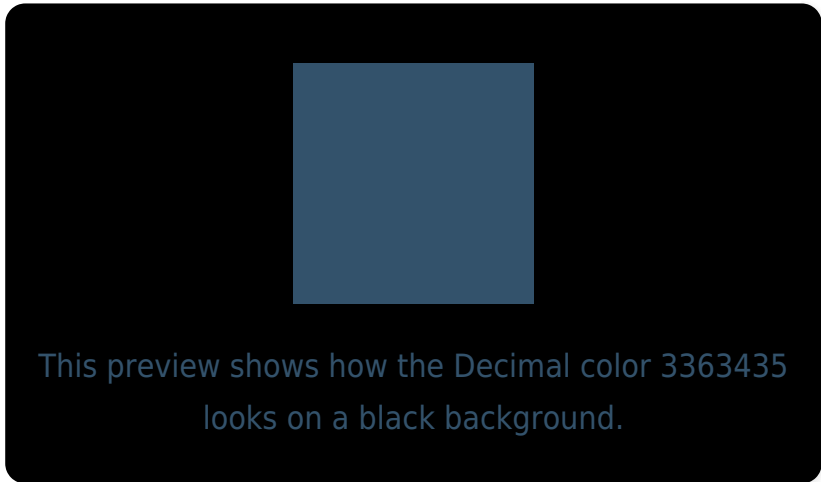
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

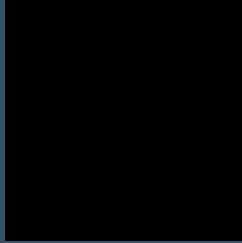
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

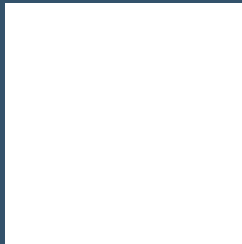
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 3363435 Background



This preview shows how black text looks on a background with the Decimal color 3363435.

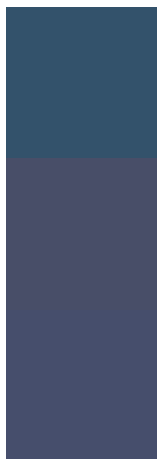


This preview shows how white text looks on a background with the Decimal color 3363435.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**

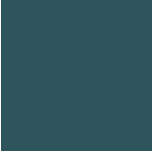
3363435

**Protanopia**

4738664

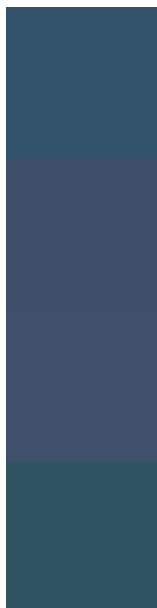
**Deuteranopia**

4607596



**Tritanopia**  
3036508

# Trichromacy



**Original Color**

3363435

**Protanomaly**

4214633

**Deuteranomaly**

4149100

**Tritanomaly**

3167329

# Monochromacy



**Original Color**

3363435

**Achromatopsia**

5000268

**Achromatomaly**

4410967

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 3363435 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #33526B looks like.

```
.text, #text, p{  
    color:#33526B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #33526B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33526B
}
```

## Border

The CSS property to change the border of an element to Decimal 3363435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#33526B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#33526B }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #33526B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33526B; -webkit-box-shadow:4px 4px  
4px 4px #33526B; box-shadow:4px 4px 4px  
4px #33526B }
```

# Background

The CSS property to change the background color of an element to Decimal 3363435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33526B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#33526B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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